Appl. No. 10/680,456 Amdt. dated January 19, 2005

Reply to Office Action of November 24, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

**Listing of Claims:** 

Claim 1 (previously amended): A plate cylinder for carrying a printing plate in a

printing press, said printing plate having a leading plate end and a trailing plate end, said cylinder

comprising:

a cylinder body having an axis;

a tensioning channel extending in an axial direction in said cylinder body, said

channel having a contact surface which said leading plate end can bear against;

a tensioning rail in said channel, said tensioning rail carrying a holding element

and being movable transversely to said axial direction between an extended position, where said

trailing plate end can be hooked on said rail after said leading plate end has been placed in said

channel and said cylinder has been rotated, and a drawn-in position, where said holding element

fixes said leading plate end against said contact surface and trailing plate end is tensioned;

at least one spring element which loads said tensioning rail toward said drawn-in

position; and

a push rod which is displaceable in said axial direction and has cam surfaces

which are effective to move said tensioning rail between said positions as said push rod is moved

axially.

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Claims 2-3 (cancelled)

Claim 4 (previously amended): A plate cylinder as in claim 1 further comprising

at least one plunger positioned between said push rod and said tensioning rail, said cam surfaces

acting on said plungers to move said tensioning rail.

Claim 5 (previously amended): A plate cylinder as in claim 1 wherein said

contact surface of said tensioning channel is configured to cooperate with a leading plate end

configured with an angled-over edge, and said tensioning rail is configured to cooperate with a

trailing plate end having a double angled-over edge.

Claim 6 (previously amended): A plate cylinder as in claim 1 further comprising

an adjusting device for displacing said push rod, said adjusting device having one of a pneumatic

drive and a hydraulic drive.

Claim 7 (previously amended): A plate cylinder as in claim 1 wherein said push

rod has one end which can be connected to said adjusting device, and another end which is

supported in said cylinder body by a spring element.

Claim 8 (original): A plate cylinder as in claim 1 wherein said tensioning rail, in

said extended position, lies within said cylinder body.

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Claim 9 (original): A plate cylinder as in claim 1 wherein said holding element is a shaped leaf spring.

Claim 10 (original): A plate cylinder as in claim 4 wherein said cylinder body has a cut-out which accommodates said tensioning rail, said plunger, and said push rod, said plate cylinder further comprising:

a filler piece which closes said cut-out adjacent to said push rod, and

a filler piece which defines the size and shape of said tensioning channel.

Claim 11 (currently amended): A plate cylinder as in claim [€] 1 further comprising an end from which said push rod can be actuated.

Claim 12 (original): A plate cylinder as in claim 11 further comprising a clamping device accommodated in said tensioning channel, said tensioning rail and said holding element being fixed to said clamping device.

Claim 13 (currently amended): A plate cylinder for carrying at least two printing plates in a printing press, each said printing plate having a leading plate end and a trailing plate end, said cylinder comprising:

a cylinder body having an axis;

at least two tensioning rails for respective said printing plates, only one said tensioning rail being provided for each said printing plate, each said tensioning rail being movable between a tensioning position, where the respective printing plate is tensioned on said cylinder body; and a release position, where the respective printing plate can be released from

the cylinder body; and

at least one movement mechanism for activating said tensioning rails

independently of one another[\*], said at least one movement mechanism comprising at least one

spring element for each said tensioning rail, said at least one spring element loading the

respective tensioning rail toward said tensioning position, and at least one push rod which is

displaceable in an axial direction, said at lease one push rod having cam surfaces which are

effective to move said tensioning rails between said positions as said at least one push rod is

moved axially.

Claim 14 (previously presented): A plate cylinder as in claim 13, wherein said

tensioning rails are aligned in an axial direction in said cylinder body.

Claim 15 (cancelled)

Claim 16 (currently amended): A plate cylinder as in claim [45] 13 comprising:

a single push rod having a first set of cam surfaces which are effective to move

one of said tensioning rails between said positions, and a second set of cam surfaces which are

effective to move another of said tensioning rails between said positions.

Claim 17 (currently amended): A plate cylinder as in claim [45] 13 comprising:

a separate push rod for each of said tensioning rails.

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